

Comparisons of Job Characteristics

Focus Occupation: [Licensed Practical and Licensed Vocational Nurses \(29-2061\)](#)

Associated Occupation: [Emergency Medical Technicians and Paramedics \(29-2041\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 78

Focus Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)

Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Customer and Personal Service	11.3	21.0	17.4	<< Extensive education and/or training may be required
Medicine and Dentistry	3.7	16.4	16.4	0 Current knowledge level may be sufficient
Psychology	6.4	12.5	19.0	>> Current knowledge level is likely more than sufficient
Public Safety and Security	6.9	12.4	5.6	<< Extensive education and/or training may be required
Transportation	4.6	11.7	3.5	<< Extensive education and/or training may be required
Personnel and Human Resources	5.6	11.2	4.2	<< Extensive education and/or training may be required
Therapy and Counseling	3.8	10.5	13.0	> Current knowledge level is likely sufficient
Telecommunications	3.9	7.5	3.1	<< Extensive education and/or training may be required
Biology	3.7	7.0	8.7	> Current knowledge level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 94

Focus Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)

Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Service Orientation	7.9	11.9	12.2	0 Current skill level may be sufficient
Coordination	9.1	11.6	11.6	0 Current skill level may be sufficient
Active Learning	8.7	11.4	9.7	< A higher skill level may be required

Science	4.5	11.1	9.6	<	A higher skill level may be required
Operation and Control	5.4	9.1	6.1	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 84			
Focus Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061) Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Perceptual Speed	7.4	11.0	7.3	<<	Extensive improvement in abilities may be required
Static Strength	5.0	11.0	9.1	<	Some improvement in abilities may be required
Response Orientation	4.0	10.1	6.0	<<	Extensive improvement in abilities may be required
Time Sharing	6.6	9.1	8.0	<	Some improvement in abilities may be required
Glare Sensitivity	2.6	6.8	1.0	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	5.6	1.0	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 88
Focus Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061) Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)		
Work Activities	Exclusivity of Activity	
Administer injections	60	
Administer medications or treatments	46	
Apply appropriate physical restraint	71	
Communicate technical information	4	
Follow infectious materials procedures	52	
Follow patient care procedures	60	
Identify body response variations	57	
Inventory medical supplies or instruments	67	
Lift or transport ill or injured patients	69	
Observe patient condition	48	
Obtain information from clients, customers, or patients	40	
Prepare patient reports	66	

Record medical history or data	68
Set up patient care equipment	75
Take vital signs	56
Understand properties or composition of drugs	64
Understand technical operating, service or repair manuals	6
Use emergency medical procedures	64
Use first aid procedures	70
Use hazardous materials information	35
Use knowledge of medical terminology	40
Use sanitation practices in health care settings	48
Work with persons with mental disabilities or illnesses	62

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 82

Focus Occupation: Licensed Practical and Licensed Vocational Nurses (29-2061)
Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)

Tools and Technologies	Exclusivity
Acute care monitoring units and related products	22
Airway management products	30
Blood pressure units and related products	11
Computers	1
Electrocardiography EKG units and related products	20
Emergency medical services resuscitation products	15
Industry specific software	1
Injection and aspiration needles and accessories	25
Intravenous and arterial cannulas and catheters and accessories	29
Intravenous and arterial infusion bags and containers and related products	62
Intravenous and arterial tubing and administration sets and related products	22
Intravenous infusion pumps and its analyzers and sensors and its accessories	31
Intubation supplies	21
Needleless intravenous injection and withdrawal systems	80
Oxygen therapy delivery systems and devices	13
Patient point of care testing supplies and equipment	23
Pulse oximeters	18
Respiratory humidity and aerosol therapy products	31
Restraints and accessories	37
Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Syringes and accessories	14

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.